

Notice of Allowability

Application No.

09/888,730

Examiner

Asghar Bilgrami

Applicant(s)

HAYBALL ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's amendments of 8/8/2007.
2. ☒ The allowed claim(s) is/are 1,2,5,8,19, 20, 27-37.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

LARRY D. DONAHUE
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William M. Lee, Jr. on 8/8/2007.

The application has been amended as follows:

Claims 25 & 38 have been cancelled without prejudice.

Claim 1: A method of handling a resource request made by a client in a client network, the network including a Generic Local Lookup Service (GLLS) located at a network edge and a Generic Domain Lookup System (GDLS) located at a location remote from the network edge, the method comprising the steps of: receiving a resource request at the GLLS from the said client, the resource request identifying the requested resource; forwarding the resource request from the GLLS to the GDLS; searching a database in the GDLS for a resource record associated with the requested resource; the GDLS analyzing a set of resource providers and determining the resource providers compatible with the resource request; transmitting a response containing a list of resource providers from the GDLS to the GLLS, the list including server selection

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criteria associated with the resource providers; the GLLS selecting the best resource provider in the list according to the server selection criteria and additional client information relating to a client performance characteristic, the additional client information including the client access speed; and the GLLS returning data to the client which identifies the best resource provider for the requested resource.

Claim 27: A scaleable architecture for handling a resource request from a client, the resource request comprising a first identity of a resource provider, the architecture comprising: a GLLS at a network edge for identifying a preferred resource provider for the requested resource to the client in response to receiving the resource request from the client, said preferred resource provider being defined by the resource provider that is most compatible with the resource request with respect to Content Selection Criteria contained in the resource request; and a GDLS at a location remote from the client network for returning data identifying a set of resource providers and including server selection criteria associated with the resource providers in response to receipt of a converted resource request from the GLLS, the GLLS being operable to select a preferred resource provider based on the server selection criteria and additional client information relating to a client performance characteristic, the additional client information including the client access speed.

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Claim 30: A computer readable storage medium storing instructions that, when executed on entities within a network, cause the entities to perform a method for handling a resource request, the method comprising the steps of; receiving a resource request at a GLLS located at a network edge from a client In the client network, the resource request identifying the requested resource; forwarding the resource request from the OILS to a GDLS at a location remote from the network edge; searching a database in the GDLS for a resource record associated with the requested resource the resource record including a series of executable instructions; the GDLS analyzing a set of resource providers and determining the resource providers compatible with the resource request; transmitting a response containing a list of resource providers from the GDLS to the GLLS, the list including server selection criteria associated with the resource providers; the GLLS selecting the best resource provider in the list according to the server selection criteria and additional client information relating to a client performance characteristic the additional client information including the client access speed; and the GLLS returning data to the client which identifies the best resource provider for the requested resource.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Asghar Bilgrami whose telephone number is 571-272-3907. The examiner can normally be reached on 9-5.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3924. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

AB

LARRY D. DONAGHUE
PRIMARY EXAMINER